LC-POWER.COM Digital HDMI Multimedia Player for a SATA

EH-35MP4

User manual

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1. Introduction

1.1 Preamble

Thank you for choosing LC-Power and the EH-35MP4. We are confident that this product will be the source of much enjoyment. Please read the following chapters carefully so that you can become acquainted with the advantages of this product and its use. The multi-functional media player EH-35MP4 by LC-Power is perfect for your work in the office and also for your entertainment system at home.

1.2 Specification 1.3 Packing list

Audio format	MP3, 32K-320Kbps WMA, 32K-256Kbps WAV
Video format	AVI, DIVX 3.11-5.0, XVID 1.0, DAT, VOB (max. 30fps), MPG 1/2/4
Picture format	JPEG/JPG
Picture play mode	Picture preview function (15 pieces per side) Slideshow (Support of picture & background music)
Go To function	Direct selection of a scene in a movie
Video support	Subtitle support for DVD (VOB) Multi-language support for DVD (VOB)
AV output	CVBS/HDMI video output
TV output	NTSC/PAL
Power supply unit	AC input: 100V ~ 240V ◦ 50/60HZ 0.8A DC output: 12V 2A
Supported memory cards	4 GB (max.), SD/MMC/MS cards
HDD support	3.5“ SATA HDD
USB support	USB 2.0 Full Speed
HDD format support	FAT32/NTFS
Data interface	Full Speed USB 2.0, HDMI OUT, AV OUT, SD/MMC card interface, USB Host
OSD language	English, German, Swedish, Spanish, Italian, French, Danish
Remote control	Included in delivery
Operating system support	Windows 2000/XP/Vista, Linux, Mac OS
Dimensions	207 x 39 x 111 mm
Net Weight	454g
Firmware upgrade	Supports firmware upgrade from SD Card (FAT32), MMC Card (FAT32), USB (FAT32)
Operating temperature	-10°C ~ 60°C
Working humidity	10% ~ 75%

Please make a proof of the package content after receiving the product. If something is missing, please contact your retailer.

No.	Name	Quantity
1	Media Player	1 pcs

2	Power supply unit	1 pcs
3	Remote control	1 pcs
4	AV cable	1 pcs
5	USB cable	1 pcs
6	User manual	1 pcs
7	Batteries	2 pcs
8	Screws	Several

1.4 Caution

Before the first start-up of this media player, please read the following cautions to assure an efficient and safe work.

1.4.1 Usage cautions

Please do not modify the media player. If you modify it, you have no claim of warranty.
If a regular commercial hard disk is being used, the environmental temperature should be between +5°C and
+35°C.

1.4.2 Power supply

The media player has a power voltage of DC 12V. When using the media player, please connect the supplied AC adapter and AC adapter cable to the player. Make sure that the cable is not damaged or jammed. Before cleaning the power supply unit, unplug it from the power outlet to reduce the risk of an electric shock. Never connect the power supply unit to the media player in an humid or dusty area. Always use the original equipment (power supply unit, cable, adapter).

1.4.3 Radio interference

Almost all electronic devices can get disturbed by radio interference if they are not especially shielded. Under some circumstances your media player can also get disturbed by radio interference.

The design of the media player follows the FCC/CE standard according to the following rules:

(1) This media player may not cause harmful radio interference.
(2) This media player could accept some interference received including those that may cause undesired operation.

1.4.4 Removal of the media player

Please consider your local legislation if you want to dispose of the media player.

1.4.5 SAFETY AND OTHER INSTRUCTIONS

►Software, audio, video or any other intellectual properties are protected by copyright and international laws. It is the user's responsibility to adhere to these conditions when reproducing or distributing content(s).

►This product may not support some media formats. Please check available codec types.

►Please backup data stored in this product in a safe place. We are not responsible for any data loss or damage.

►Do not give shock or drop to the EH-35MP4. This may damage it.

►Do not clean the product using chemicals cleaners. This may damage the EH-35MP4.

►Do not allow any contact of the EH-35MP4 with water or other liquids. This may cause fire or electric shock. If any conductive liquid enters, turn off the EH-35MP4 and disconnect the power adapter immediately.

►Do not place the EH-35MP4 near a magnetic field. This may cause a malfunction or damage stored data.

►Do not expose the EH-35MP4 to direct sunlight or near a heat source. Do not expose it to high temperatures for a longer time. This may damage it.

►Do not use many electronic products with one single outlet. Firmly insert the power plug. When the unit is working, do not unplug the power cable.

The EH-35MP4 supports a multitude of various video and audio formats. Due to the very large number of different available formats, LC-Power cannot guarantee the compatibility of the EH-35MP4 with every available video or audio format now or in future.

Our company generally takes no responsibility for loss of data stored on the hard disk included to the media player enclosure. Please backup your data regularly on another data medium.

1.4.6 Others

Do not let the media player get in contact with water or other liquids when using the media player. If water is accidentally spilled on the media player, please use a dry cloth to absorb the spillage. Electric devices are damageable. You must avoid any abrasions and batches especially when the media player is in use. Do not press the buttons too hard. Do not repair or modify the media player by yourself. In this case you will have no claim of warranty anymore. Avoid abrasions, use of force and batches especially when the media player is in use, and stay away from magnetic fields. During electrostatic discharge and exposure to strong electromagnetic fields, the product might have a malfunction, in this case then unplug the power cable for a while and the media player will return to normal performance for the next time it is powered on.

About the media player

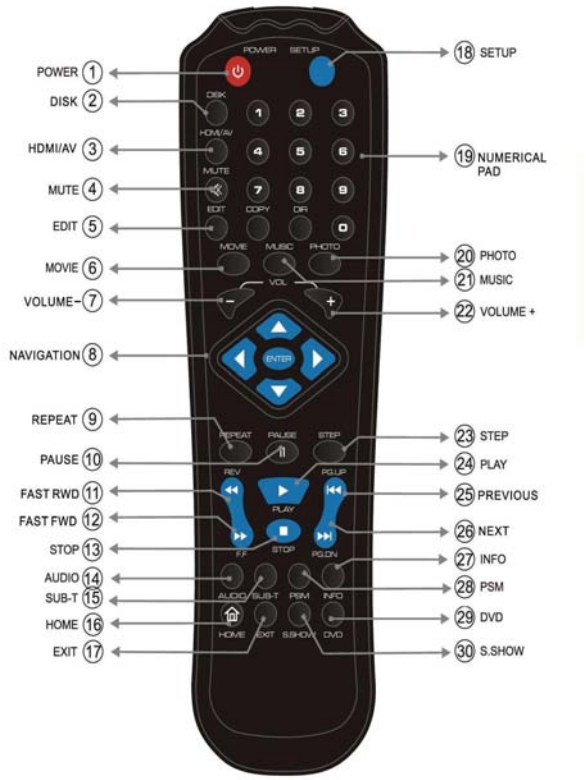
2.1 Front panel

No.	Definition	Function
1	Power button	Switch on/off the media player
2	SD/MMC cardreader	Reads SD/MMC cards
3	USB Host	USB port to connect other USB devices

2.2 Rear panel

Port	Port definition	Function
USB	USB port	USB port for PC communication
AV OUT	Composite video output	Output to connect composite video and audio (CVBS)
HDMI	HDMI output	Output to connect HDMI
OPTICAL	Digital audio output	Can output a digital audio signal
DC 12V/2A	Power port	Can input power

2.3 Remote control



No.	Button	Function
1	POWER	Switch on/off the media player
2	DISK	Selection of data source
3	HDMI/AV	HDMI/AV output switch key
4	MUTE	Mute on/off
5	EDIT	Edit sub-menu
6	MOVIE	Open movie option
7	VOLUME	Decrease volume
8	NAVIGATION	Arrow keys to highlight an option Enter to select an option Arrow keys to rotate pictures
9	REPEAT	Choose file repeat mode (repeat one, repeat all)
10	PAUSE	Pause
11	FAST RWD	**FAST REWIND button:** fast rewind the current playback. Press repeatedly to select speeds.
12	FAST FWD	**FAST FORWARD button:** fast forward the current playback. Press repeatedly to select speeds.
13	STOP	Stop playback
14	AUDIO	Choose audio track in DVD playback mode
15	SUB-T	**SUBTITLE button:** set subtitle options
16	HOME	Return to main menu

17	EXIT	Stop/return key
18	SETUP	Access the setup menu
19	NUMERICAL PAD	0-9: numeric keys
20	PHOTO	Open photo options
21	MUSIC	Open music options
22	VOLUME +	Increase volume
23	STEP	Slow-motion play for video
24	PLAY	Start playback
25	PREVIOUS	Go to the previous file or the previous chapter of a title
26	NEXT	Go to the next file or the next chapter on a title
27	INFO	Display the file information
28	PSM	Change the slide-show mode
29	DVD	Play a DVD folder like a common DVD player
30	S.SHOW	**Slideshow:** start the slide show

Exchange of the remote control batteries

Change the batteries if the remote control does not work any longer.

Advice:
Please consider your local legislation if you want to dispose of the batteries.

Remote control operation range

The remote control operation range is 6m, the angle is <60°. The effective distance of the remote control might be different according to different light situation of the surrounding environment.

3. First steps

3.1 Connection of the media player with your TV

Connect the AV/HDMI output of the media player with the AV/HDMI input of your TV.

Advice:
Confirm the video output setting is similar with the mode on your TV set, press the AV/HDMI key on your remote control to switch the output mode on your media player.

3.2 Connection of the media player with your PC

Connect to the PC

Connect the USB cable with the USB output of the media player and the USB input of your PC. The media player is recognized as a local HDD on your PC if it has been formatted before. You can edit files and folders like files on your computer's hard disk.

Advice:
Supported operating systems: WINDOWS XP/2000/VISTA, Linux (FAT32), MAC OS (FAT32)

Disconnect from the PC

ATTENTION: NEVER PULL OUT THE USB CABLE WHEN THE PC IS RUNNING!
You must properly remove the unit from the computer before disconnecting the USB cable to avoid a
loss of data or freezing of the computer.

To safely disconnect the player, click on the system tray “safely remove” icon (green arrow next to the clock) and follow the instructions, wait until you get a message saying that you can safely unplug the device before disconnecting the USB cable.

4. Product Usage

4.1 Browse and play the media files

You get to the main menu when you switch on the media player.

Displayed are the following main options:

VIDEO
MUSIC
PHOTO
SLIDESHOW

• FILES

VIDEO: All video files on the media player are displayed in a list, odered alphabetically.

MUSIC: All music files on the media player are displayed in a list, ordered alphabetically.

PHOTO: All photo files on the media player are displayed in a list, ordered alphabetically or as a preview (can be set up in the setup menu).

SLIDESHOW: Starts a slideshow with the pictures which are on your media player.

FILES: All media files on the player are displayed. The directory structure is kept.

To start the playback of one file, you have to mark it with the arrow buttons and then press “Play” or “Enter”.

4.2 Settings

General steps for the original setup:

Press the “Setup” key. The setup menu appears on screen as following.
Use the arrow keys to select a title or a submenu.
Press the “Enter” key to confirm the selection.
Press the “Setup” key to exit the setup menu.

Overview

OSD Language:	Choose the menu language.
Screen saver:	Switch on/off the screen saver.

Speaker settings

Downmix:	Set speaker downmix mode (Left/Right, Stereo, 5.1 Channel).

Audio settings

Audio output:	Choose from analog, SPDIF/PCM and SPDIF/RAW LPCM. Output: Choose from LPCM 48k or LCPM 96k.

Video settings

Display:	Set TV display mode (Letterbox, PanScan, Widescreen).
TV type:	Set TV standard (multi system, PAL, NTSC).
Video output:	Set video output resolution (CVBS, 720p, 1080i). **Advice:** 720p and 1080i can only be displayed via HDMI connection.

Slideshow settings

Factory settings:	Select “Reset” and press “Enter” to load the factory settings.
Slide time:	Set the interval for the slideshow (5s / 10s / 15s).
Slide mode:	Set a transition effect for the slideshow.
Photo overview:	Switch photo overview on/off.

Autorun: Switch autorun on/off.

4.3 File Edit

When you are in the file menu, press the “Edit” key, showing the edit menu as follows

Wenn Sie im Datei-Menü sind, können Sie die “EDIT”-Taste drücken und das Bearbeitungsmenü öffnet sich:

Press “Up/Down” to select a menu point. Press “Enter” and the submenu for data editing appears.

4.3.1 Copy

Press the “DIR” key to appoint the selected folder as the aim folder. Then mark the file which you want to copy und press the “Edit” key. Choose “Copy” and press “Enter”.

4.3.2 Delete

Mark the file which you want to delete und choose “Delete” in the menu. Press the “Enter” key and a reminder dialog box appears. Choose “Yes” to delete the file or “No” to abort the operation.

4.3.3 New Folder / Rename

a) Select the file, press the “Edit” key to show the edit menu, select “New folder/Rename” sub-selection,

press the “Enter” key, the system will show the rename window as seen in the following picture. b) Move the highlight to aim a letters by using the arrow buttons, press the “Stop” key when you finished. c) Press the “Exit” key to cancel the operation or press the “PSM” key to cancel the last put in letter.

Advice: You can not create or edit files or folders on SD/MMC cards.

4.3.4 Properties

Select this sub-selection, the screen will show the properties of the file.

4.3.5 Cancel

Select this point to cancel any editing operations.

Advice:
The "Edit" button is only effective if the HDD is formated with the FAT32 file system.

5. Annex

5.1 FAQ

Before you contact our service department, please read the following guide.

Symptom	**Possible reasons**	**Resolutions**
No power	Power cable not plugged in	Check if the DC power cable is plugged in correctly
Power is on, but the unit does not work properly	Restart the media player	Disconnect the media player from power, wait a few seconds and restart the media player
No picture on the display/ TV/ PC	Media player not connected properly	Connect the media player as described in this manual
	Video output does not comply with the display equipment	Press the „HDMI/AV" key on the remote control
	Display input is not set to receive the player's signal	Select a proper video input format, usually it is video or AV
No volume	Volume is set to 0 (TV or media player)	Adjust the volume (Volume +)
	Audio cable not connected properly	Connect the audio cable correctly
Playing pictures glimmering or having a bad quality	Reset and choose the correct TV format such as NTSC or PAL	Restart the media player and select the correct TV or display format
	Bad picture quality provided	Take pictures with better quality
The remote control does not work	Battery status low	Install new batteries, ensure using the same size of batteries: AAA, 1,5V
	Battery not installed properly	Install batteries correctly
	Remote control does not point at the remote sensor	Point the remote control at the remote sensor
	Too long distance or too big angle	Keep a distance within 6m from the front panel remote sensor; lower angle to the sensor
	Remote control route malfunction	Remove obstacles between the player and the remote control

5.2 Copyright and trademark information

Copyrights

All rights reserved. This manual or parts of it may not be reproduced, stored in a retrieval system or
transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise,
without the prior written permission of the copyright holder.

Trademarks
Microsoft and Windows are registered trademarks of the Microsoft
Corporation. All other trademarks are property of their respective holders.

5.3 Warranty

IMPORTANT:
If you face trouble connecting your devices or if you feel unsure which connector
belongs to which device, please contact your reseller and ask him for help in order to
avoid personal damage or damage to your hardware.

WARRANTY NOTES:
Within the warranty time LC-Power will repair or replace your item if a defect caused by a production mistake occurs.

We will not be able to offer you this service if:

1 **the seal sticker has been removed, damaged, copied or mistreated in another way**
2 **the product has been wrongly installed or connected, has been modified or misused in another way opposing to its original intent of usage**
3 **you use new hardware that is not compatible to the product**
4 **damage is caused by natural catastrophes or force majeure**

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Also available from LC-POWER:
.: computer cases :. .: HDD enclosures :. .: multimedia devices :. .: CPU coolers :.